



IntelSat General Introduces FlexAir: New End-to-End Managed Service for Government Aircraft

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Seamless, Multi-Layered, Network Guarantees Availability for Any Mission, Any Time, Anywhere

IntelSat Epic^{NG} Delivers High Data Rate Transmissions, Redundancy, and Security Needed for Aircraft Missions

Flexible and Scalable Service Models Enable Government Customers to Activate Services On-Demand and Generate Cost Efficiencies

LUXEMBOURG--(BUSINESS WIRE)--Dec. 13, 2018-- IntelSat General Communications LLC, a wholly owned subsidiary of IntelSat, S.A. (NYSE: I), announced today that it is launching FlexAir, a managed end-to-end service providing cost-effective high-performance, in-flight broadband connectivity to a wide range of military aircraft to support en route communications and intelligence, surveillance, and reconnaissance (ISR) applications.

FlexAir's broadband service utilizes IntelSat's global Ku-band satellite fleet and integrates layers of high-throughput satellite (HTS) coverage from the company's proven IntelSat Epic^{NG} fleet with the company's wide-beam satellites to deliver the added redundancy and security needed for the most critical missions. FlexAir also offers committed capacity for ISR applications such as sensor data, video transmission, and communications relay to deliver immediate access at 3 Mbps from the aircraft with optional scalability to 6 Mbps.

"FlexAir answers the call and delivers the performance and agility that government aviation requires," said Skot Butler, president of IntelSat General. "With the multi-layered coverage of FlexAir, our government customers can ensure that each aircraft has global access and guaranteed availability whenever or wherever it is needed. The scalability, throughput and improved economies of scale provided by FlexAir enable government users to quickly address changing broadband demands while providing maximum mobility in the most cost-effective manner."

Guaranteed Availability Whenever and Wherever it is Needed

FlexAir aggregates IntelSat's high-performing space segment with the IntelSatOne ground infrastructure into a simplified and streamlined ecosystem. It is anchored on industry-leading technology and utilizes the redundancy created from a fabric of overlapping beams. As a result, government users are assured coverage and connectivity for any operation, conducted in any area of the world, without interruption.

Ensures High Data Rate Transmissions for any In-flight Scenario

IntelSat utilizes Ku-band, wide beams, spot beams, and frequency reuse technology to provide a host of customer benefits. IntelSat Epic^{NG}, the company's high-throughput satellites (HTS) can deliver up to 15x more throughput per satellite, ensuring high quality connectivity.

Multiple IntelSat Epic^{NG} spot beams enable a high concentration of power on smaller areas, improving efficiency and the aggregate amount of capacity available. With the bigger channel size of bandwidth going into each IntelSat Epic^{NG} beam, government organizations benefit from up to 10x the capacity of competitive offerings, ensuring that they can support 10x as many users without impacting performance. In addition, FlexAir is designed to be compatible with a wide range of fuselage and tail-mounted antennas, maximizing the performance of carriers for the various end-user antennas.

Delivers the Redundancy and Security that Critical Missions Demand

FlexAir leverages the security enhancements of IntelSat Epic^{NG}'s advanced digital payload. The design of the digital payload enables the user to quickly identify when someone is trying to jam a signal and then quickly switch to a different beam, mitigating any impact from the interference attempt. FlexAir provides additional security as only designated beams with frequency bands carrying authorized signals that are cross-connected and as a result, any interfering signals are muted, analyzed, and mitigated.

Provides Flexible Service Plans Tailored to Operational and Budgetary Needs

The FlexAir service provides the most competitive offering in the marketplace, delivering the highest data rates at the lowest cost per bit. The service also enables government users to select among several service offerings, allowing them to choose the right plan based on their data rate and geographic needs without having to make an upfront commitment. With multi-layered, seamless, and consistent coverage, government users have the agility to optimize their service, provide a predictable cost structure that meets budget requirements, and deliver real value to Warfighters.

To learn more about FlexAir, watch this video:

- <https://vimeo.com/303156354>

Supporting Materials:

- [FlexAir Resource Center](#)

About IntelSat General

IntelSat General Communications (IGC) is a wholly owned subsidiary of IntelSat, operator of the world's first Globalized Network. IGC provides its government and commercial customers with high-quality, cost-effective, communications solutions via IntelSat's leading satellite backbone and terrestrial infrastructure. Our customers rely on IGC to provide secure and seamless broadband connectivity, video communications, and mobility services for mission-critical operations anywhere on the globe through our open, inter-operable architecture. www.intelsatgeneral.com

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